

Title (en)

Hand tool machine with pneumatic striking mechanism

Title (de)

Handwerkzeugmaschine mit pneumatischem Schlagwerk

Title (fr)

Machine-outil manuelle dotée d'un mécanisme à percussion pneumatique

Publication

EP 1935574 B1 20100224 (DE)

Application

EP 07122599 A 20071207

Priority

DE 102006000533 A 20061218

Abstract (en)

[origin: EP1935574A1] The header (8) includes two axially-spaced, external radial collars (9a, 9b). An impact bush (10) surrounds the header externally and coaxially. This bush is guided freely, to make limited axial movements between the collars. The external diameter of the bush (A) is smaller than the internal diameter (I) of the guide tube (6). The guide tube includes an intercepting component (11) for the flying piston (5) in an idling impact position. Tangentially, the impact bush (10) has two-component construction, the parts being e.g. welded together.

IPC 8 full level

B25D 17/06 (2006.01); **B25D 11/00** (2006.01)

CPC (source: EP US)

B25D 17/06 (2013.01 - EP US); **B25D 17/24** (2013.01 - EP US); **B25D 222/42** (2013.01 - EP US); **B25D 2250/131** (2013.01 - EP US); **B25D 2250/191** (2013.01 - EP US)

Cited by

GB2458523A; GB2458523B; US7797640B2; US9108125B2

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 1935574 A1 20080625; **EP 1935574 B1 20100224**; DE 102006000533 A1 20080619; DE 502007002908 D1 20100408; US 2008164042 A1 20080710

DOCDB simple family (application)

EP 07122599 A 20071207; DE 102006000533 A 20061218; DE 502007002908 T 20071207; US 224707 A 20071214